

The Artificial Earth Satellite, by V. Petrov,
11 pp. *FD 2107382*

RUSSIAN, bk, *Iskusstvennyy Sputnik Zemli*, Moscow,
1958, pp 157-166, 202-205, 279-280.

ACBI, H-2523

Sci & Space Res

Feb 59

81,524

Television of the Future, by V. Petrov, 17 pp.

RUSSIAN, per, Radio, No 6, Jun 1956, pp 28-31?,
CIA 9012722 C Reel 243

Rand Corp RM-1922

Sci - Electronics

Oct 57

54, 244

Handwritten: 100-100000
(Excerpt)

Military Application of Space Vehicles, by
V. Puzanov, 7 pp. USCL

RUSSIAN, bk, Iskustvennyy Sputnik Zemli, Moscow,
1958, pp 9, 29-30, 31, 32, 34, 229-254.

AF 1187421

Sci - Space Res
Feb 59

Handwritten: 79,986

Machine Tools With Program Controls Are at a
Standstill, by V. Petrov, 4 pp.

RUSSIAN, np, Leningradskaya Pravda, 28 Jul 1962.

JPRS 16047

USSR
Econ
Nov 62

(FDD 25206)

Relation Between the Amount of Heat and the Time
of Exposure of the Skin to Threshold Sensation,
by V. Petrov, I. Yakovlev, 3 pp.

RUSSIAN, bino per, Fiziol Zhur SSSR, Vol XXVIII,
No 4, Moscow, 1940, pp 343, 344.

~~36,891~~
CIA/FDD U-8418

36855

UNSR

Sci - Medicine, Chemistry, physiology

The Future Means of Communication , by V. P. P. P.
6 pp.

RUSSIAN, np, Gudok, 21 Dec 1958.

ID 2110657

ACSI, E-3558

LEEN

Re: 11

May 59

87,807

Anabiotic Flight Into Outer Space, by V. Petrov,
P. Yurevich, 7 pp.

RUSSIAN, np, Ekon Gazeta, No 43, 24 Oct 1964, p 4.

JPRS 27540

Sci - Biol & Med

Jan 65

271,984

Provision for Vital Conditions of Artificial
Earth Satellites, by V. Petrov, 11 pp.
UNION.

RUSKIAN, bk, Iskustvennyy Sputnik Zemli,
Moscow, 1958, pp 206-221.

AF 1187424

Sci - Space Res
Feb 59

29,984

Effectiveness of Capital Investment in the
Transport Industry of the USSR, by V. Petrov,
4 pp.

RUSSIAN, no per, Voprosy Ekon, No 1, Jan 1958,
pp 110-119.

Intl Arts & Sci Press
Vol 3, No 3, 1958

USSR
Econ
Jul 58

67,695

PETROV V.

Aviatsion-Naya Promishlennost', vol. 1, No. 21,
270 words; 1941.

The Use of Paint Instead of Copper Plating in
Selective Carburizing.

Brutcher Trans, Order No. 1514, \$1.00

A 9:31

Calculation of the Intermediate Process
in the Problem of Statistical Synthesis
of a Pulse System, by V. A. Petrov, 11 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, OTN, Tekh Kibernet,
No 1, 1964, pp 202-.

JPRS 24536

Sci.
May 64

257,712

M. E. Agrestberg (Comm. Director),
by M. A. Petrov, N. A. Chelmarov.
JOURNAL, per, in VUS, Energetika, No 2,
1964, p 112.

*JPRS/SPECIAL/12-96 9/11

ST UNCL
11041
Apr 65

2. Petrov, V. A., Palladova, N. M., and Pivanova, P. S.

DOSEMETRIC AND QUALITATIVE CHARACTERISTICS OF PRIMARY AND SCATTERED RADIATION EMITTED BY THE URD₃-110-K-4 DIAGNOSTIC APPARATUS. [1962] [16]p. 7 refs. FASEB manuscript no. S 68-2.

Order from OTS or SLA \$1.60

63-15158

Trans. of Vestnik Reizgenologii i Radiologii (USSR) 1961, v. 37, no. 2, p. 42-47.

DESCRIPTORS: Radioactivity, Measurement, X-ray counts, Radiation measurement systems, X-rays, Medical examination, Diagnosis, Medical equipment, *Dosemeters, *Health physics, *X-ray filters, *Radiological dosage, Radiation tolerances, Radiological contamination, *Radiation hazards, Sex glands, Reproductive system, Genetics.
(Biological Sciences--Radiobiology, TT, v. 9, no. 12)
(over)

63-15158

I. Title: URD₃-110-K-4
(X-ray machine)

I. Petrov, V. A.

II. Palladova, N. M.

III. Pivanova, P. S.

IV. FASEB S-68-2

V. Federation of American Societies for Experimental Biology, Washington, D. C.

VI. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

(NY-6720)

Dose Distribution Along the Axis of a Plane
Beta Applicator, by A. M. Kononenko, V. A.
Petrin, Yakhontova, V. Ye., 23 pp.

RUSSIAN, per, Radiobiologiya, Vol I, No 3,
Moscow, 1961, pp 452-460.

JPRS 12387

Sef
Mar 62

183,607

(NY-6971)

Symposium Dedicated to Problems of Treatment
of Malignant Neoplasms by High-Energy Radia-
tion, by O. A. Zedgenidze, V. A. Petrov, 13 pp.

RUSSIAN, per, Med Radiolog, Vol VI, No 11,
1961, pp 87-92.

JPRS 13400

Sol
May 62

197,411

(2537-D)

Organization of a Dosimetric Service in Institutions
of the Ministry of Health of the USSR, by V. A.
Petrov, 13 pp.

RUSSIAN, monograph, Trudy Vses Konferentsiy po Med
Radiologii (Voprosy Gig i Dosimetriy), Moscow,
1957, pp 112-123.

JPRS 747-D

Sci - Med, radiology
Jun 59

Experimental Determination of the Integral Emissivity of
Metals and Alloys at High Temperatures, by V. A. Petrov,
V. Ya. Chekhovakoy, 5 pp.

RUSSIAN, per, Teplofizika Vysokikh Temperatur,
Vol I, No 1, 1963, pp ~~18~~ 24-29.

CB

Sci
Apr 64

253,922

(SF-2320)

PHYSICAL BASES OF ELECTRON THERAPY, BY V. A. PETROV,
13 PP.

RUSSIAN, PER, MEDIT RADIOLOGIYA, VOL VII, NO 6,
1962, PP 80-87.

JPRS 15173

SCI - MEDICINE

SEP 62

210,764

DOSIMETRIC CHARACTERISTICS OF SOURCES OF ELECTRONS,
BY V. A. PETROV, 11 PP.

RUSSIAN, PER, MEDIT RADIOL, VOL VII, NO 7, 1962,
PP 82-88.

JPRS 15514

SCI - PHYS

OCT 62

212,875

Measurement and Computation of Absorbed Doses in
External and Internal Irradiation, by A. N. Krongauz,
V. A. Petrov, G. A. Linchevskaya, et al., 45 pp.

RUSSIAN, bk, Izmereniye i Raschet Pogloshchennykh Doz
Pri Vneshnem i Vnutrennem Oblyucheni, 1963,
pp 3, 4-24, 25-34.

JPRS 27527

Sci - Phys

Jan 65

272,161

Certain Aspects of the Dosimetry of Distributed
Sources of β Radiation, by A. M. Kononenko, V. A.
Petrov, 9 pp.

RUSSIAN, per, Biofiz, Vol V, No 2, 1960, pp 217-224.

PF

Sci

Nov 60

13.2.082

Petrov, V. A., Palladieva, N. M., and
Pivanova, P. S.

THE RADIATION DOSE ON THE BODY SURFACE
AND IN THE REGION OF THE SEXUAL GLANDS IN
ROENTGENOLOGICAL EXAMINATION. [1963] [10p]
6 refs FASEB Manuscript no.: S 114-3.
Order from OTS, SLA, or ETC \$1.10 TT-63-24457

Trans. of Vestnik Rentgenologii i Radiologii (USSR)
1962, v. 37, no. 6, p. 51-55.

DESCRIPTORS: *Radiological dosage, *Body, *Sex
glands, *X-rays, Medical examination,

(Biological Sciences--Radiobiology, TT, v. 11, no. 5)

TT-63-24457

- I. Petrov, V. A.
- II. Palladieva, N. M.
- III. Pivanova, P. S.
- IV. FASEB-S-114-3
- V. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Doc 60:

(DC-2324)

The Biological Effect of Beta-Radiation in External
Irradiation, by S. N. Aleksandrov, K. F. Galkovskaya,
O. G. Matveyev, V. A. Petrov, 4 pp.

RUSSIAN, per, Medit Radiolog, Vol III, No 4,
Jul/Aug, 1958, Moscow, pp 6-8.

JPRS 672-D

Sci - Med, radiology
May 59

87, 655

(NY-7171)

SURGICAL TREATMENT OF ULCERS OF X-RAY ORIGIN,
BY V. I. PETROV, 5 PP.

RUSSIAN, PER, VEST KHIR IMENI I. I. GREKOVA,
VOL LXXVIII, NO 4, 1962, PP 100-102.

JPRS 14936

SCI - MED
AUG 62

209,207

(NY-5251)

Dynamic Investigation of Oscillography in Patients
in Mitral Stenosis, by S. I. Babichev, V. I.
Petrov, V. A. Mikhalechenko, 11 pp.

RUSSIAN, per, Khirurgiya, Vol XXXVI, No 9,
1960, pp 81-86.

JPRS 7357

Sci - Med

Feb 61.

139,092

(NY-1374)

Some Errors in the Selection of Patients for
Sanatorium-Health-Resort Treatment, by V. F. Petrov,
5 pp.

RUSSIAN, per, Voenno-Med Zhur, No 6, 1960.

JPRS 5434

Sci - Med

sep 60

125,496

1
The Oxidation Potential of Bichromate, by
B. V. Ptitsyn, V. F. Petrov, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
No 12, 1956, pp 3233-3239.

Consultants Bureau

Sci - Chemistry
Jul 58

67,394

Experimental Study of Dermacentor Marginatus
Sulz and Rhhipicephalus Rossicus Jak. Ticks as
Vectors of Tularemia, by V. G. Petrov, 17 pp.

RUSSIAN, bk, Voprosy Epidemiologii i Profilaktiki
Tuliaremi, Moscow, 1958, pp 117-123.

NIH RSTP T-11

Sci - Med

Jun 60

117,351

THE DETECTION OF THE Causal Organisms of
Erysipeloid and Listeriosis in Stream-Water,
by N. S. Olsuf'ev, V. G. Petrov, K. N. Shlygina,
7 p.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i
Immunobiol, Vol XXX, No 3, 1959, pp 90-94.

Pergamon Press

Sci.

Apr 60

112,392

Discovery of Ticks of the Species Hyalomma
marginatum from Naturally Infected with Tularemia
Bacteria, by N.O. Gusev, V.O. Petrov.
BIOGAM, per Akad. Nauk. Kazakhskoi SSR Inst. Zoology.
Trudy, 1960, pp 54-56
KTC/4-5380

V. G. Petrov

Sid -
Aug 67

339-710

THE DISTRIBUTION OF SHIPMENTS AMONG DIFFERENT
TYPES OF TRANSPORT, BY V. M. 1. ODIETEV,
V. I. PLEKHA, 12 PP.

RUSSIAN, PER. DOKLADY OBYEDNOY TRANSPORT, NO 11,
1962, PP 24-39.

APR 18 1963

LIBR
ECON
MAR 63

204,956

(NY-65100)

For an Integrated Transport System in
the USSR, by V. I. Petrov, 17 pp.

RUSSIAN, per, Zhelezнодорожный Transport,
No 11, 1961, pp 8-15.

JPRS 13285

USBR
Econ
Apr 62

190, 184

Investigation of RF Discharge in a Proton Source,
by R. M. Komarov, V. I. Petrov, 4 pp.

RUSSIAN, per, Zhur Tekh Fis, Vol XXXI, No 3, 1961,
pp 321-326.

AIP
Soviet Phys
Vol VI, No 3

Sci
Seq 61

168,758

Characteristics of an Ion Beam A Radio-Frequency
Source, by V. I. Petrov, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXI, No 3, 1961,
pp 348-351.

AIP
Soviet Phys
Vol VI, No 3

Sci

168, 761

Sep 61

Density and Conductivity of Certain Melts in the
System $\text{Na}_2\text{AlF}_6\text{-Li}_3\text{AlF}_6\text{-Al}_2\text{O}_3$, by V. P. Mashovets,
V. I. Pstrov, 7 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXII, No 7,
1959, pp 1528-1534.

CB

Sci

Aug 60

122,405

The Problem of the Diagnosis of Carcinom of the
Stomach, N. Sokolov, V. I. PETROV, 10 pp.

RUSSIAN, per, Voprosy Onkol, Vol VI, No 11, 1960,
pp 3-11.

PP

Sci

Aug 61

164,790

Effect of Alloying Practice Upon Quality of Aluminum-Containing
Constructional Steels, by A. K. Petrov, V. K. Petrov, et al.
RUSSIAN, per, Stal', Vol XVIII, No 8, 1958, pp 742-744.

HB 5080

Sci - M/M

Mar 64

250,789

Developments in the Continuous Casting of Carbon Steel
at the Novo-Lipetsk Works, by V. S. Rutes, B. N.
Katomir, Yu. E. Kan, V. K. Petrov, V. V. Lobanov, 5 pp.

RUSSIAN, per, Stal, No 4, 1961, pp 311-317.

BISI

Sci

165, 176

Aug 61

Ion Sources with High-Frequency Discharge, by
A. N. Serbinov, V. I. Petrov, 14 pp.

RUSSIAN, per, Priboiy i Tekh Eksper, No 5,
1958, pp 3-16.

Instra Soc of Amer

Sci

Apr 60

114,033

Phase Diagram of the System $\text{Na}_2\text{AlF}_6\text{-Li}_2\text{AlF}_6\text{-Al}_2\text{O}_3$,
by V. P. Iashovets, V. I. Potapov, 3 pp.

RUSSIAN, Izv. Akad. Nauk SSSR, Vol XXX, No 11, 1957,
pp 1695-1697.

Consultants Bureau

Sci - Chem

Feb 59

82,177

Experience in Working Up and Operating an Eighty-Ton Electric Arc Furnace, by V. K. Petrov, B. V. Barvinskiy.

RUSSIAN, per, Metallurg, Vol V, No 6, 1960, pp 22-24.

MT 131

Sci - Engr

149,682

Apr 61

THE PATTERN OF CLIMATIC FLUCTUATION
STRUCTURE IN THE ARCTIC DURING THE LAST
DECADES, BY V. L. PETROV, 9 PP.

RUSSIAN, PER, VEST LENIN UNIV, SER GEOL I
GEOGRAF, VOL XIV, NO 6, 1959, PP 132-136.
9082296

OTS 60-51154
PL-480

SCI - GEOPHYS

NOV 61

172,401

PST 356

5-7
A New Method of Temperature Compensation for
Superhigh Frequency Thermistors for Power
Measurements, by L. M. Zaks, V. M. Petrov,
10 pp.

RUSSIAN, per, Trud Komiteta Standartov Mer i
Ismeritel'nykh Priborov, Vol LXV, No 125,
1962, pp 13-20.
JPRS 24477

S-1 - Elec
May 64

259, 106

Raising the Sensitivity of Thermistor UHF Power
Meters, by L. M. Zaks, V. M. Petrov, 5 pp.

RUSSIAN, per, Izmeritel Tekh, Vol XXIV, No 1,
1962, pp 43-47.

CB

Sci

214,394

Oct 62

Some Properties of Piezoelectrics at 3000 Mc,
by V. M. Petrov, 4 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 5,
1960, pp 997-1001.

AIP
Sov Phys-Solid State

Sci

138,152

Jan 61

Measurements of ϵ and $\tan \delta$ of Dielectrics by
Means of Semicaxial Resonators and Coaxial
Measuring Lines, by V. M. Petrov, 6 pp.

RUSSIAN, per, Pribury i Tekh Eksper, No 4,
1960, pp 118-122.

ISA

155, 196

Sci

May 61

Method of Measuring the Dielectric Constant and
Loss Tangent of Ferroelectrics in Homogeneous
Superhigh Frequency Fields (3000 Mc), by I. V.
Ivanov, V. M. Petrov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol
XXIII, No 12, 1958, pp 1524-1526.

Columbia Tech

Sci

Feb 60

107810

DETERMINING THE CRITICAL RATE OF
OF A BINARY BED OF PARTICLES OF VARYING DENSITY,
by V. N. Petrov, 11 pp.

RUSSIAN, per, Inzhenerno Fiz Zhur, Vol VI, No 5,
1953.

JPRS 22553

Sol.
Jan 64

246,817

EVALUATION OF THE INFLUENCE OF TURBULENCE
SCATTERING ALONG THE VERTICAL AND IN THE DIRECTION
OF THE WIND ON THE PROPAGATION OF A POLY-
DISPERSED ADMISTURE, BY V. N. PETROV, A. YA.
PRESSMAN, 8 PP. GOVERNMENT USE ONLY
RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLVI,
NO 1, 1962, PP 86-88.

JPRS 16492

SCI - GEOPHYS

DDEC 62

218 ~~208~~,017

The Gas-Shielded Welding of Thin-Walled Tubes, by
V. N. Petrov, 3 pp

RUSSIAN, per, Svaroch Proiz, No 4, 1960, pp 25-26

BVRA

Sci
May 61

102, 350

Observations of Meteor Trains, by V. H. Petrov, 2 pp.

Full tr

RUSSIAN, per, Byul' Vses Astron-Geodes Obschch, No 4,
Leningrad, 1939, pp 26-27. C/A 568455

ATIC-F-188636/III

Scientific - Astronomy
CEB/Dex
Aug 56

37,989

59

Perlite and Vermiculite, by V. P. Petrov.
MINERAL, name, Perlite i Vermikulit Sposobiye
Prilozheniya, Moscow, 1962.
10-9/217

V. P. Petrov

Sci/Min
Sept '70

ARTIFICIAL EARTH AND ~~WX~~ WEATHER SATELLITES, BY
V. P. PETROV, A. A. SOCHIVKO, 53 PP.

2

RUSSIAN, BK, ISKUSSTVENNYE SPUTNIKI ~~HE~~MLI I PODOGY,
LENINGRAD, 1964, PP 150-159; 160-183.

JPRS 158528

~~XX~~ SCI - GEOPHYSICS

OCT 62

212,882

107
Rockets of Peace and War, by V. P. Petrov.
RUSSIAN, bk. Rakety Mira U Volny, 1963, pp 1-172.
P100365187-V
FTD-MT-65-175

Sol/Frag & Fuels
Apr 68

351,263

V. P. Petrov

Cosmic Navigation, by V. P. Petrov, V. P. Seleznev,
14 pp.

RUSSIAN, per, Priroda, No 8, 1962, pp 14-23.

CIA/PED XI-1304
NOT RELEASABLE TO FOREIGN NATIONALS
USIS INTERNAL USE ONLY

Sci - Sp Res

Dec 62

217,263

HOW TO INCREASE THE ACCURACY OF WEATHER FORECASTING
-- AN AUTOMATIC TELEMETERING METEOROLOGICAL
SYSTEM, BY V. P. PETROV, 13 PP.

RUSSIAN, PER, PRINCE, NO 8, 1960, PP 38-44.

JPRS 21808

SCI-ENR SCI & ASTRON
NOV 6)

241,635

Rocket Guidance by V. P. Petrov, A. A. Sochivko.

CONFIDENTIAL

RUSSIAN, bk, Upravleniye Raketami,

Moskva, Voenizdat M-Va Obor., 2nd Ed.,

Rev and Enl, 1963, 263 pp.

*FTD-MT-65-248

V. P. Petrov

Sci-Aero

Jul 65

282,726

WEATHER SATELLITES AND ROCKETS, BY V. P. PETROV,
A. A. SOKOLOV, 69 PP.

MOSCOW, U.S.S.R., INSTITUTE OF PHYSICS OF THE EARTH
& PLANET, 1961.

JPB 1088

SCI + EARTH SCI & ASTRON:
MAY 68

226,795

Device for Converting Time-pulse Telemetering
Signals into Telegraph Codes, by V. P. Petrov,
A. A. Rudchenko, 4 pp.

RUSSIAN, per, Priborostroyeniye, No 4, 1961,
pp 20-22.

Taylor & Francis Ltd

Sci

Oct 61

177,849

Petrov, V[iktor Pavlovich].
ARTIFICIAL SATELLITES OF THE EARTH. [1961]
298p. refs.
Order from GB \$9.50

Trans. of mono. [Iskustvennyi Sputnik Zemli, Moscow, 1958].

Another translation is available from LC or SLA
ml\$11.10, ph\$47.10 as 60-13296, F-TS-9871/V.
Also available in part (p. 157-166, 202-205, 278-280)
from OTS \$0.30 as 59-11960 [1959] 12p.

DESCRIPTORS: *Satellite vehicles, *Satellite vehicle
research, Bibliography, USSR.

(Engineering--Satellite Vehicles, TT, v. 6, no. 6)

61-25104

I. Petrov, V. P.
II. Gordon and Breach,
Publishers, Inc.,
New York

Office of Technical Services

Orientation in the Cosmos, by V. P. Petrov, 13 pp.
RUSIAN, per, Nauka i Zhizn, No. 9, 1958, pp 7-18.

ATIC F-78-9833/III

Sci - Space Res
Apr 59

85,052

Vitreous Spherical Lavas of Levaya Lefu River,
in the Far East, by V. P. Petrov, M. G.
Zamuraveva, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog,
No 11, 1960.

AGI

Sci

Jun 62

198,874

Rockets of Peace and War, by V. P. Petrov
RUSSIAN, bk, 137 pp.
NLL REF: 0678.23F

AD 661 885

V. P. Petrov

July 69

385,⁶33

The important technological principles of
silicalite materials, by V. P. Petrov,
O. V. Muntsevich,
RUSSIAN, per, Sb. tr. Inst. inzh. zhela. transp.
Leningr., 1959, No 157, pp 3-5
REF 5196 (1351)

65

V. P. Petrov

Sci - Cement, concrete
May 67

305,839

Investigations in the Field of Conjugated Systems,
CX. Polarographic Investigation of Vinylacetylenic
Hydrocarbons, by A. A. Petrov, V. P. Petrov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 12,
1959, pp 3987-3991.

CB

Sci

Nov 60

133,226

Equipment and Methods Used in Recording Turbulence
Microfluctuations of the Temperature and Current
Velocities in the Sea, by A. G. Kolesnikov,
N. A. Panteleyev, Yu. G. Fyrkin, V. P. Petrov,
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 3,
1958, pp 405-413.

Amer Geophys Union

Oct 59

99,365

Procedure for Launching the Sputnik, by V. P.
~~Palikov~~. ^{bk}
RUSSIAN, ~~per~~, Guided Missiles and Rockets.

Navy Tr 1538/ONI-18

Sci - Space Research
Nov 57

55, 253

Design Aspects of the Application of Teleprinters
in Digital Measuring Systems, by A. M. Bogomolov,
V. P. Petrov, E. N. Shchadrina, 3 pp.

RUSSIAN, per, Priborostroyeniye, No 1, 1961,
pp 4, 5.

Taylor & Francis

Sci.

155, P 41

Jun 61

Method of Embedding Histological Material in
Methacrylate, by L. S. Gold'in, V. S. Petrov.

RUSSIAN, per, Biofizika, Vol V, No 3, 1960, pp
378.

FP

Scl -
Apr 61

149,991

Electron Microscopic Investigation of the Cere-
bral Cortex in Man and Rats, by V. S. Petrov,
13 pp.

RUSSIAN, per, Zh. Nevropatologii i Psikiatrii
im. S. S. Korsakova, Vol 64, Issue 6, 1964,
pp. 858-863.

JPRS 42056

V.S. PETROV

USSR
Sci.-B&M
Aug 67

333,332

65
Electron Microscopic Study of the Cerebral
Cortex of Man and Experimental Animals in
Convulsive States, by V. S. Petrov, 14 pp.
RUSSIAN, per, Arkhiv Patologii, Vol 26, No ,
1964, pp. 29-39.
JPRS 11692

USSR
Sci. J. 12:
Jul 67

V. S. Petrov

332,412

Petrov, V. S.
AN ELECTRON MICROSCOPIC STUDY OF THE
NERVE CELLS AND CERTAIN EXTRACELLULAR
ELEMENTS OF THE GANGLIA OF THE SOLAR
PLEXUS, [1963] [22]p. 44 refs FASEB manuscript
no. S 69-3.
Order from OTS or SLA \$2.60 63-23860
Figs. available on loan from OTS
Trans. of Arkhiv Anatomi, Gistologii i Embriologii
(USSR) 1962, v. 43, no. 11, p. 12-18.

DESCRIPTORS: *Electron microscopy, Nerve cells,
*Ganglia, *Autonomic nervous system.

(Biological Sciences--Anatomy, TT, v. 10, no. 11)

63-23860

1. Title: Solar plexus
- I. Petrov, V. S.
- II. FASEB S-69-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

63-23860

Office of Technical Services

The Type and Form of the State in the People's
Republic of China, by V. S. Petrov, 16 pp.
UNCLASSIFIED

RUSSIAN, qu per, Vest Leningrad U, Economics,
Philosophy, Law Series, Vol XI, No 2, Leningrad,
Nov 1957, pp 150-161.

US JPRS/DC-212

(DC-1757)

68,145

FE - China

Pol - State Organization (administration)

Aug 58

On a Class of Limit Theorems for Independent Random
Variables, by V. V. Petrov, 4 pp

RUSSIAN, per, Teoriya Veroyatnostey i Yeye Primeneniye,
Vol IV, No 2, 1959, pp 224-228

Sci

Sec for Ind & Applied Math

Oct 60

130,094

Asymptotic Expansions for Distributions of Sums of
Independent Random Variables, by V. V. Petrov, 3 pp

RUSSIAN, per, Teoriya Veroyatnostey i Yeye Primeneniye,
Vol IV, No 2, 1959, pp 220-223 pp

Sci
Soc for Ind & Applied Math

Sci

Oct 60

130,093

Basic for Selection of Stand-By System for
Radio Relay System, by V. V. Kuznetsov, M. V.
Brodskiy, V. D. Shoshnikov, 14 pp. (AR 1059647).

RUSSIAN, no par., Elektrosvyaz', No 11, Nov 1956,
pp 25-33.

ATTC F-TS-9162/v

Sol - Electronics
Nov 58

76,766

On the Stabilizing Effect of Impulses From Acceleration
in Relay Servo-Mechanisms, by V. V. Petrov,
G. M. Ulanov,

RUSSIAN, bimo per, Avtomat i Telemekh, Vol XII, No 5,
1951, pp 389-397.

Co-op Tr Sch 54
Sci Mus Sib 56/0870

USSR
Scientific - Electricity

£2.14s. (9s.0d.) Feb 54 BCES

9611

Theory of Two Very Simple Relay Systems for
Automatic Control, by V. V. Petrov, G. M. Ulanov,

RUSSIAN, per, Avtomat i Telemekh, ~~Vol~~ Vol XI,
No 5, 1950, pp 289-299.

RT-3582
Co-op Tr Sch No 70
L3.6s. (11s.0d.)
Sci Mus Lib 56/0869
18,837

~~USSR~~
USSR

Scientific - Engineering, ~~State~~ Ministry

Automatic Signaling and Automatic Repeat Control
in Radio Relay Communications Systems, by N. V.
Brodskiy, V. V. Futrov, G. D. Novozpashkiy, V. P.
Zakusoplin.

RUSSIAN, per, 'Elektrosvyaz', No 8, Aug 1957,
pp 26-31.

Consultants Bureau

Sci • Electronics
Jan 60

106,734

On the Common Nature of Slip, Oscillatory and
Optimum Operating, Conditions of the Servomechanisms
Class, by V. V. Petrov, G. M. Ulanov, 5 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CXII,
No 3, pp 394-.

1957,

Consultants Bureau

Sci - Physics
Dec 57

55,974

Supplement to the Article "The Use of Rigid and
Velocity (Direct and First Time Differential)
Feedback Couplings for Suppressing Self Oscillations
in a Two Stage Servomechanism With Relay Control,
by V. V. Petrov, G. M. Ulanov.

RUSSIAN, per, Avtomatika, Vol XIII, No 6,
1962, pp 744-746.

Co-op Tr Sch 78

Sci mss Ser 56/0871

Scientific - Electronics

and SA CTS

21.48.(30.01.6)

12, 675

The Use of Rigid and Velocity (Direct First Time Differential) Feed Back Couplings for Suppressing Self Oscillations in Two-Stage Servomechanisms With Relay Control, by V. V. Petrov, G. M. Ulanov.

RUSSIAN, bimo per, Avtomat 1 Telemekh, Vol XIII, No 2, 1952, pp 121-133.

Co-op Tr Sch 68

Scientific - Electricity

11,815

25.4s.(13s.OJ.)

~~APR 54 (13s.OJ.)~~

Apr 54 CTS

90

First Theorem for large Deviations when
Cramer's Condition is broken, I, by
V. I. Petrov.
Izv. Akad. Nauk SSSR, Ser. Matem. i Mekh.,
1963, pp 49-62. 100094763.
11-11-64-146

Sci. Math. Sci.
May 64

356,305

V. I. Petrov

72 -
What Theorems for Large Deviations and
Chaper's Condition is Broken. II, by
V. V. Petrov.
Abstract, per, Vestnik Leningrad Universitet
seriya Matematika, Mekhanika i Astronomiya,
No 1, 1964, pp 58-70. 710625007-1
NII-17-04-356

Sci-Data
Oct 67

342,570

The Story of Space Continues the Second
Anniversary of the Flight of Cosmonaut-2, by
1st. PETER, II pp.
11550000, sp. Pravda Ukrainy, Aug 6, 1961, p 4.
9550000
1111-11-000-107

31 - Aero
May 64

250,000

New Details About Preparing Astronauts, by
Ye. Petrov, 2 pp.

HUNGARIAN, np, Nepszava, 8 Mar 1962. 9677445

FTD-TT-62-727

Sci - Space Res
10 Jul 62

2

COSMONAUTS, BY YE. PETROV, 13 PP.

RUSSIAN, 1P, KRASNAYA ZVEZDA, 4-7 MAR, 1962.
9677437

FTD-TT-62-726

SCI-SPACE/RES

10 JUL 62

202,201

Cosmonauts, by Ye. Petrov, 16 pp.

RUSSIAN, ap, Krasnaya Zvezda, Feb 13, 1962,
pp 2, Feb 15, 1962, pp 2. 9676539

FTD-TT-62-344

Sci - Space/Res

3 May 62

194, 093

COSMONAUTS, BY YE. PETROV, 42 PP.

RUSSIAN, NP, KRASNAYA ZVEZDA, FEB 6, 8, 10, 21,
25, 27, 1962. 9677423

FTD-TT-62-728

SCI-SPACE/RES
10 JUL 52

202,196

THE SOVIET COMING OUTS, BY VL. PETROV, 84 PP.

RUSSIAN, NP, KRASNAYA ZVEZDA, 17 FEB, 1962, AND
22 MAR 1962.

JPRS 20109

USER
MEL
JUL 63

235,467,007

Theory of a Flat-Electrode Triode with Negligibly
Small Grid-Anode Space Charge, by Ye. N. Petrov.
3 pp.

RUSSIAN, per, Radiotekh. Elektron, No 7, 1961.

AIEE

191, 762

SCI

Nov 1961

The Problem of Improving the Detail on the
1:100,000 Topographic ~~MAP~~ Maps, by Ye. N. Petrov,
B. N. Malikov, 5 pp.

RUSSIAN, per, Geodes i Kartog, No 6, 1959,
pp 44-49.

AGU

Sci

167, 258

Jul 61

Interception of Aerial Targets at Low Altitudes
With the Use of Vertical Maneuver, by Ye. S. Petrov,
7 pp.

RUSSIAN, per, Vest Voz Flota, No 1, 1957, pp 8-11,
Encl to AFOLN-1A1, IR-1461-57, ~~28 May 1957~~

AF 1106260

49,561

USSR
Mil
Jul 57